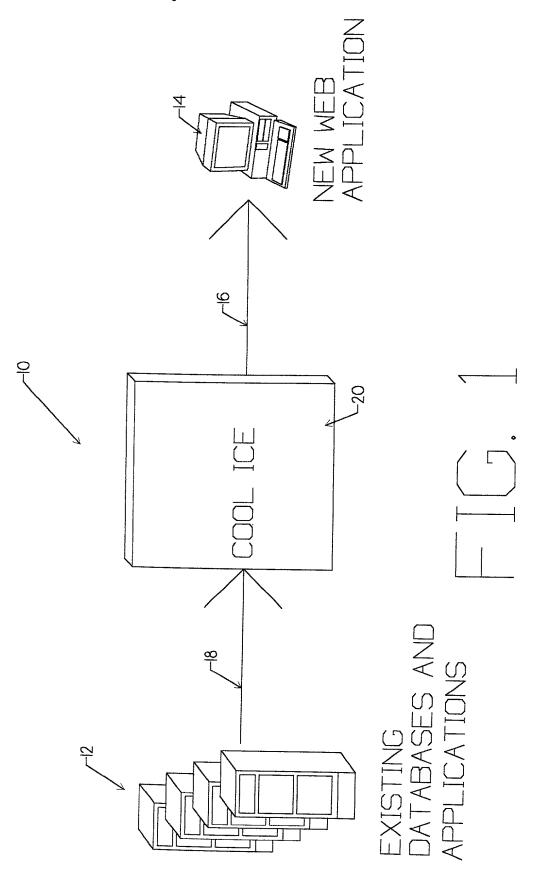
Express Mail No. ET970414370US Customer Assignment No. 27516

Attorney's Docket No. RA-5447 (33012/335/101)

Application: Thomas N. Turba et al. Charles A. Johnson Reg. No. 20,852 651-635-7702

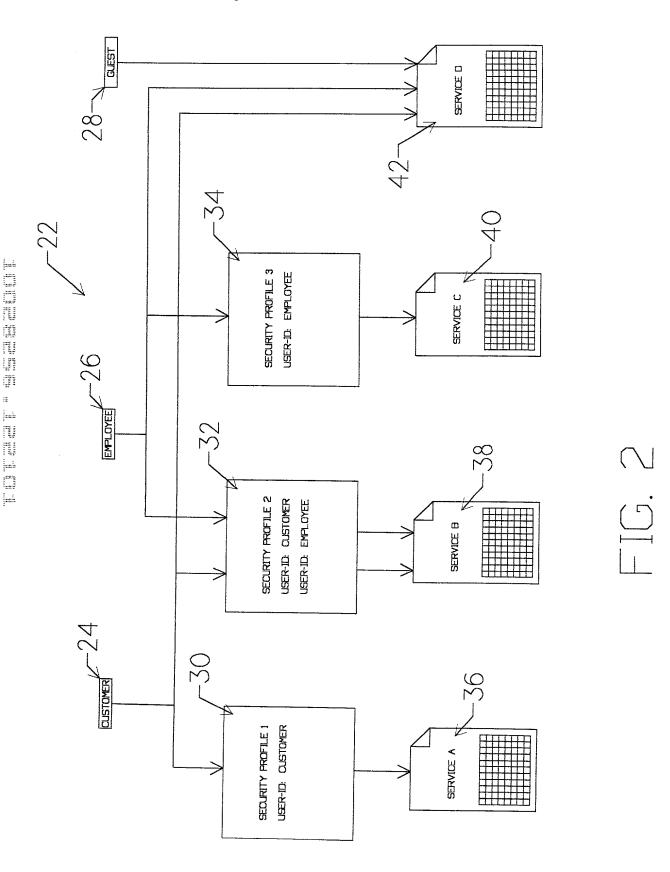
Drawing 01 of 40



Patent Application

Express Mail No. ET970414370US Customer Assignment No. 27516

Filing Date: 12/21/2001 Customer Assignm Attorney's Docket No. RA-5447 (33012/335/101) Application: Thomas N. Turba et al. Charles A. Johnson Reg. No. 20,852 651-635-7702 Drawing 02 of 40

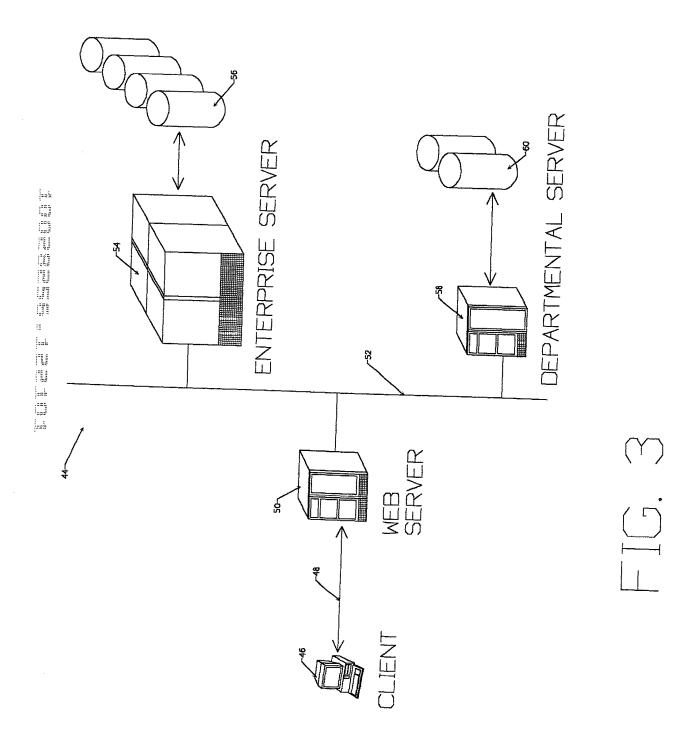


Express Mail No. ET970414370US Customer Assignment No. 27516

Attorney's Docket No. RA-5447 (33012/335/101) Application: Thomas N. Turba et al.

Charles A. Johnson Reg. No. 20,852 651-635-7702

Drawing 03 of 40



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Patent Application Express Mail No. ET970414370US Filing Date: 12/21/2001 Customer Assignment No. 27516 Attorney's Docket No. RA-5447 (33012/335/101) Application: Thomas N. Turba et al. Charles A. Johnson Reg. No. 20,852 651-635-7702 Drawing 05 of 40 Scripting Engine Repository Cool ICE  $\mathbb{C}^{aa}$ 04 Object ഗ Handler Interconnect Adminstration Interconnect DBWS Server Cool ICE E <u>Interface</u> Service Enterprise Cool I  $\mathbb{C}^{00}$ Meb

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Charles A. Johnson Reg. No. 20,852 651-635-7702

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Application: Thomas N. Turba et al.

Express Mail No. ET970414370US

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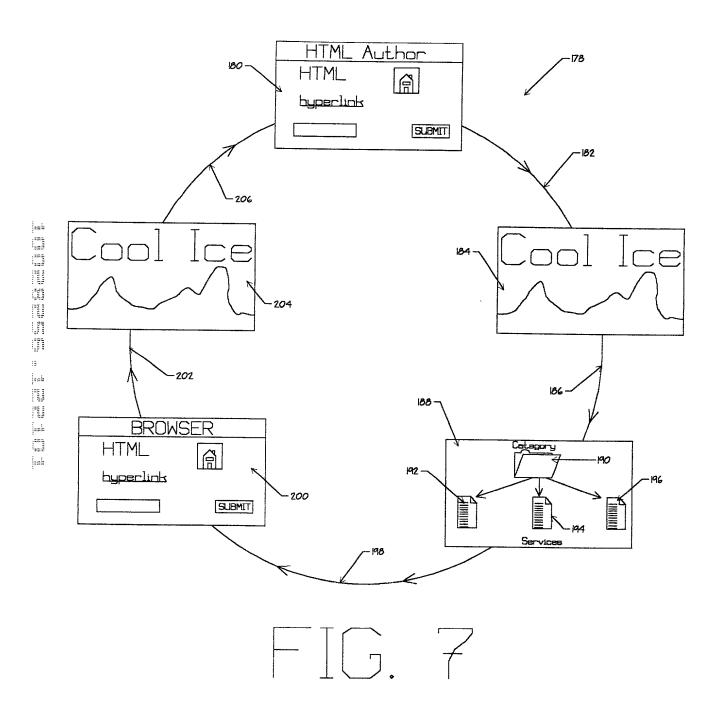
Patent Application Express Mail No. ET970414370US Filing Date: 12/21/2001 Customer Assignment No. 27516

Attorney's Docket No. RA-5447 (33012/335/101)

Application: Thomas N. Turba et al.

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Application: Thomas N. Turba et al.
Charles A. Johnson Reg. No. 20,852 651-635-7702

Express Mail No. ET970414370US Customer Assignment No. 27516

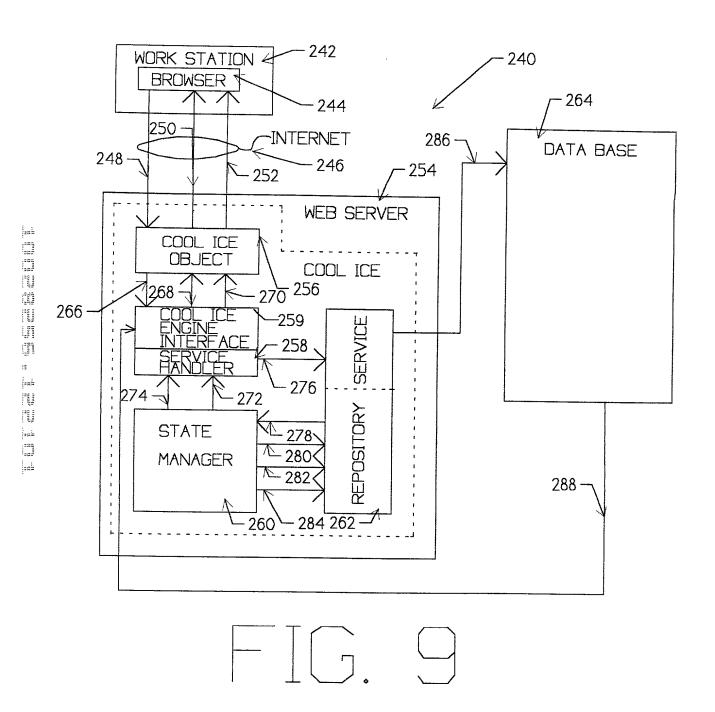
Express Mail No. ET970414370US Customer Assignment No. 27516

Attorney's Docket No. RA-5447 (33012/335/101)

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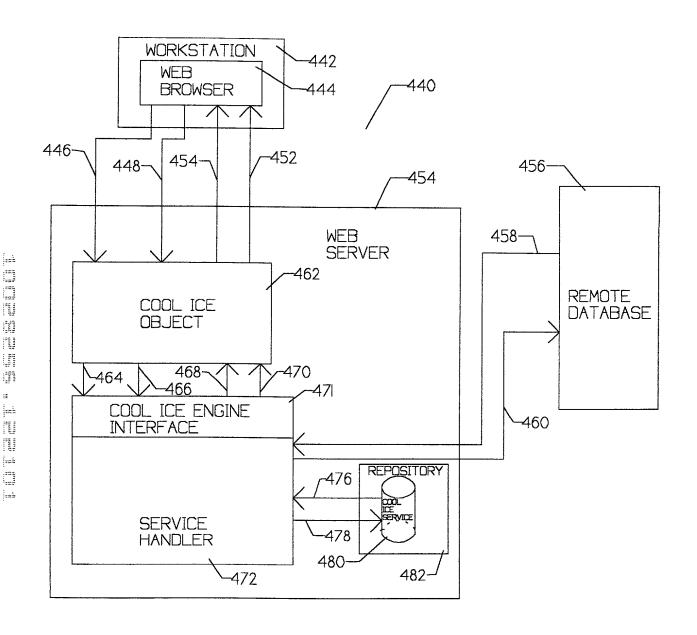


FIG. 10

Patent Application Express Mail No. ET970414370US Filing Date: 12/21/2001 Customer Assignment No. 27516 Attorney's Docket No. RA-5447 (33012/335/101) Application: Thomas N. Turba et al. Charles A. Johnson Reg. No. 20,852 651-635-7702 Drawing 11 of 40 DATA WIZARD 302 300 **EXECUTE** 304 IATA WIZARD 306 CREATE NEW VIEW EXISTING QUERY TYPE - 308 - 310 DISPLAY DATA SOURC 314 **EXISITING** 312 334 316 CHECK PROFILE AND DISPLAY TABLE NEW 318 336 COPY 320 328 M MODIFY REFINE QUERY 322 38 DEFINITION insk i REMOV 330 324 338 H RESTRIC izk 326 340 SAVE QUERY EXECUT DEFINITION iagi. 332 342 QUERY DEFINITION SERVICE DYNAMIC HTML SERVICE SET SERVICE SECURITY 350 346 EXECUTE SERVICE 352 348 354

RETURN TO MAIN MENU

Filing Date: 12/21/2001 Customer Assignment No. 27516 Attorney's Docket No. RA-5447 (33012/335/101) Application: Thomas N. Turba et al. Charles A. Johnson Reg. No. 20,852 651-635-7702 Drawing 12 of 40 356 358 CHECK PROFILE AND DISPLAY TABLE 378 360 REFINE QUERY DEFINITION 362 -WHERE 364 -ORDER BY 366 ANALYZE 368 -CALCULATE 370 -REFORM 372 -VIEW ALL COLUMNS 374 -GENERATE GRAPH 376 SAVE QUERY DEFINITION

Express Mail No. ET970414370US

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Patent Application Filing Date: 12/21/2001

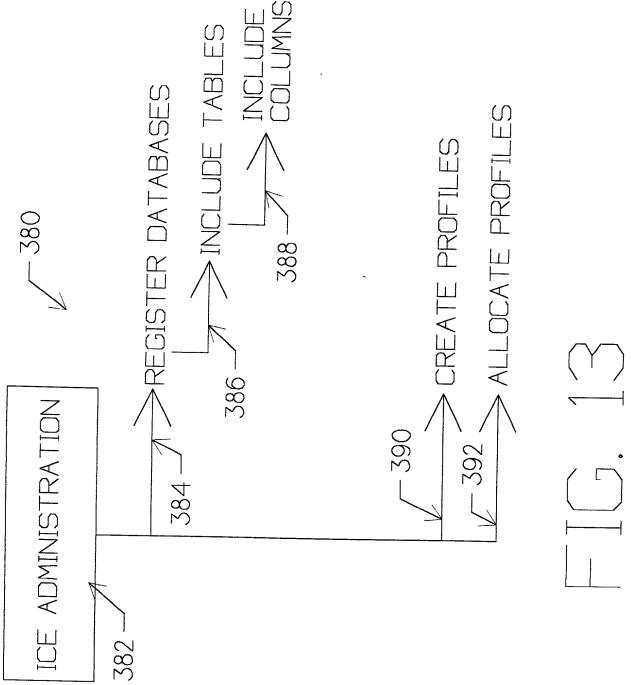
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Attorney's Docket No. RA-5447 (33012/335/101)

Application: Thomas N. Turba et al.

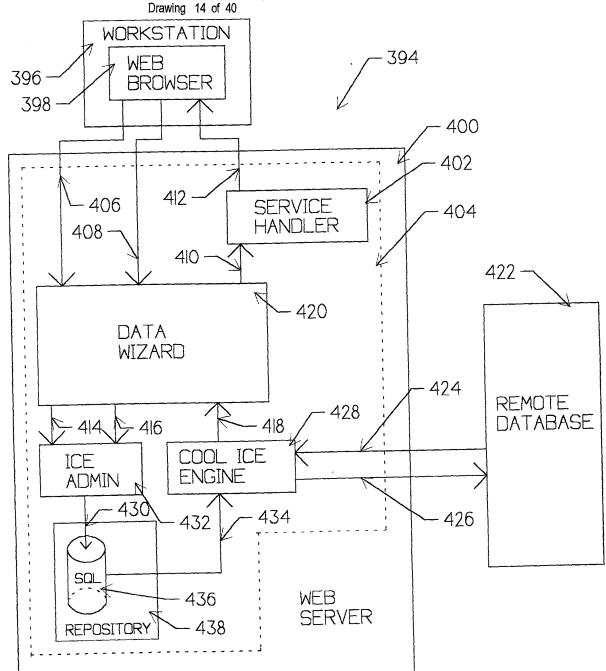
Charles A. Johnson Reg. No. 20,852 651-635-7702

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Charles A. Johnson Reg. No. 20,852 651-635-7702



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FIG. 14

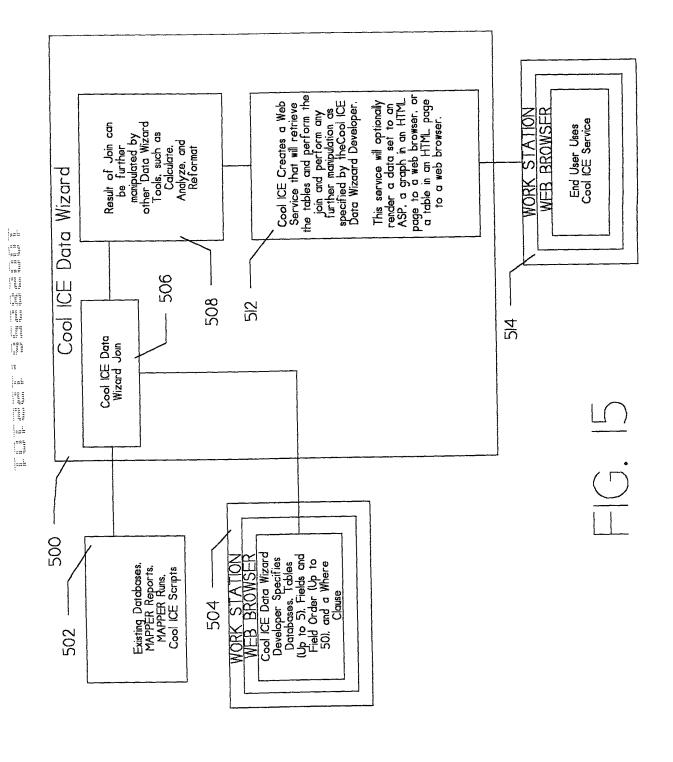
Express Mail No. ET970414370US Customer Assignment No. 27516

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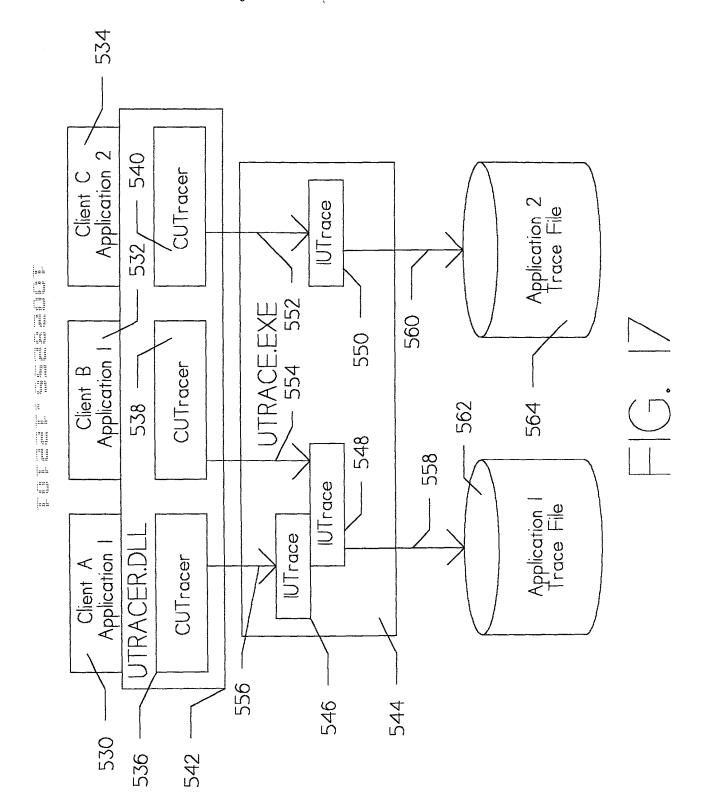
Express Mail No. ET970414370US Customer Assignment No. 27516

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Patent Application

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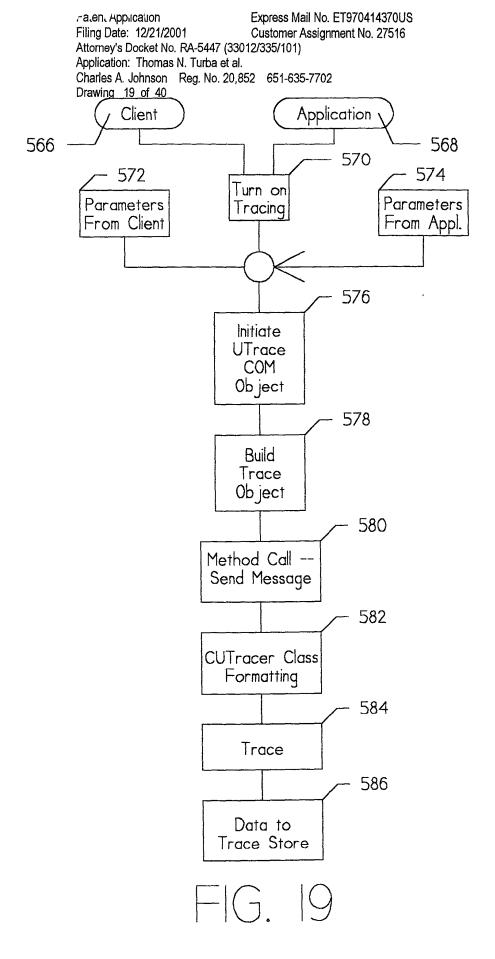
Filing Date: 12/21/2001 Customer Attorney's Docket No. RA-5447 (33012/335/101)

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Charles A. Johnson Reg. No. 20,852 651-635-7702

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APPNAME Subkey matching the name of the application  ENABLETRACE DWORD value indicating the maximum number of entries in the trace file. If missing, then no upper limit is imposed.  FORMATELAGS DWORD value indicating message formatting flags.  FORMATELAGS DWORD value indicating trace policy flags set for the application.  TRACELEVEL DWORD value indicating the directory path for the trace files.  TRACELEVEL String value indicating the HKLM\Software sub key to trace for this application. Blank or missing for no registry trace.  COMPONENT A string value containing the HKLM\Software sub key to trace for this application. Blank or missing for no registry trace.  COMPONENT A subkey for a specific component level trace policy flags  TRACELEVEL DWORD \( \text{Value} \) indicating a trace level. \( \text{O} = \text{NOICYFLAGS} \) or this application. Blank or missing for no registry trace flags  TRACELEVEL DWORD \( \text{Value} \) indicating a trace level. \( \text{O} = \text{NOICYFLAGS} \) or this application. Slank or missing for no registry trace for this application. Flags  TRACELEVEL DWORD \( \text{Value} \) indicating a trace level. \( \text{O} = \text{NOICYFLAGS} \) or this application. Slank or missing for no registry trace flags  TRACELEVEL DWORD \( \text{Value} \) indicating a trace level. \( \text{O} = \text{NOICYFLAGS} \) or trace flags  TRACELEVEL DWORD \( \text{Value} \) indicating a trace level. \( \text{O} = \text{NOICYFLAGS} \) indicating a trace level. \( \text{O} = \text{NOICYFLAGS} \) indicating a trace level. \( \text{O} = \text{NOICYFLAGS} \)	
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Express Mail No. ET970414370US Customer Assignment No. 27516

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#define CI\_TRACE\_VERSION Oxl

#define Cl\_TRACE\_ERROR 0x2

#define CL\_TRACE\_INTERFACE 0x4

#define CI\_TRACE\_FLOW 0x8

#define CI\_TRACE\_DETAIL Ox10

FIG. 20A

if  $(m\_trace. Active(C)\_TRACE\_DETAIL))$   $m\_trace(\"MY Detailed Trace information"(\Localvariable(\traceit$ 

FIG. 20B

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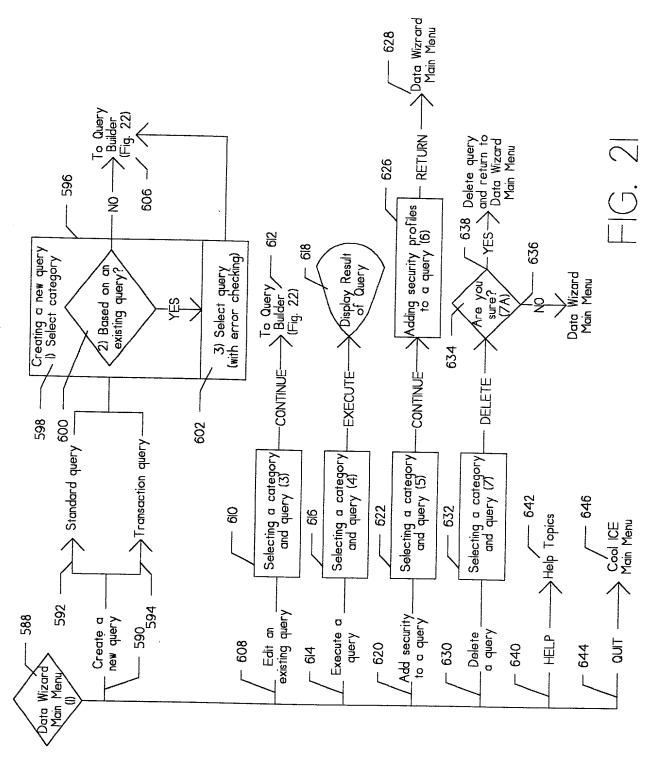
Express Mail No. ET970414370US Customer Assignment No. 27516

Attorney's Docket No. RA-5447 (33012/335/101)

Application: Thomas N. Turba et al.

Charles A. Johnson Reg. No. 20,852 651-635-7702

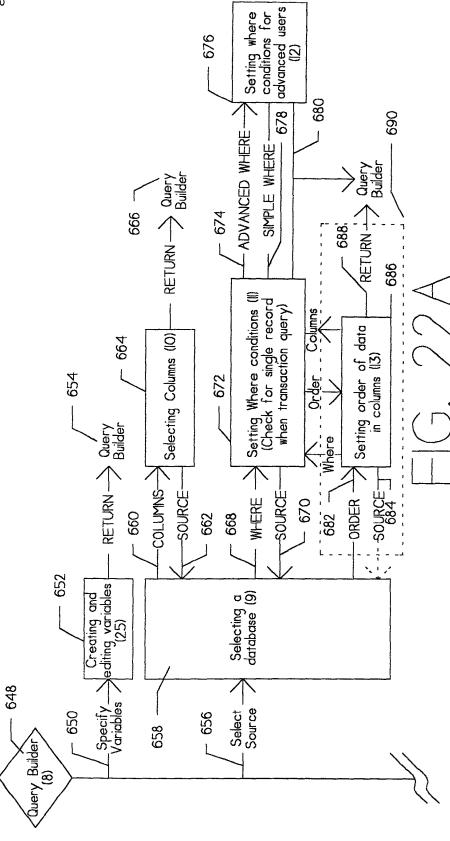
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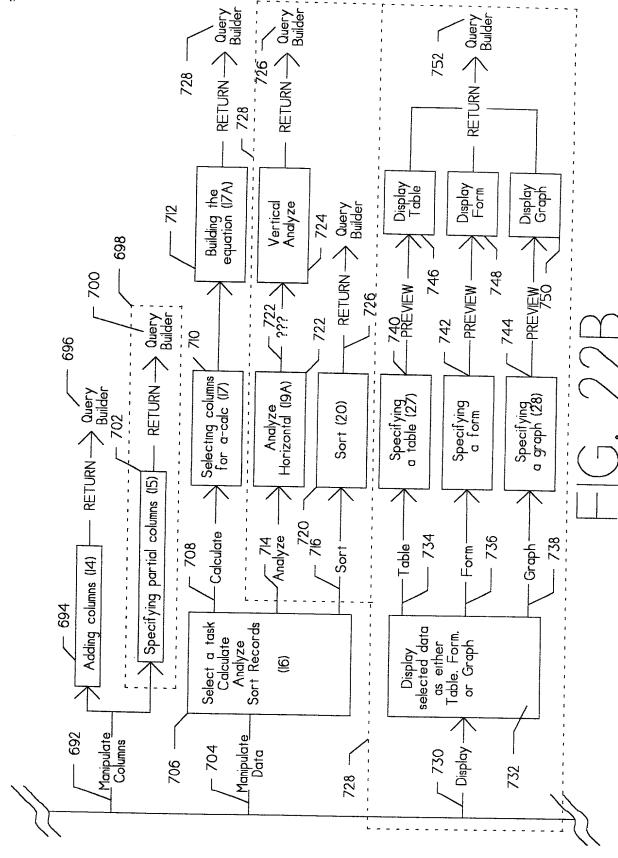
Charles A. Johnson Reg. No. 20,852 651-635-7702

Drawing 23 of 40

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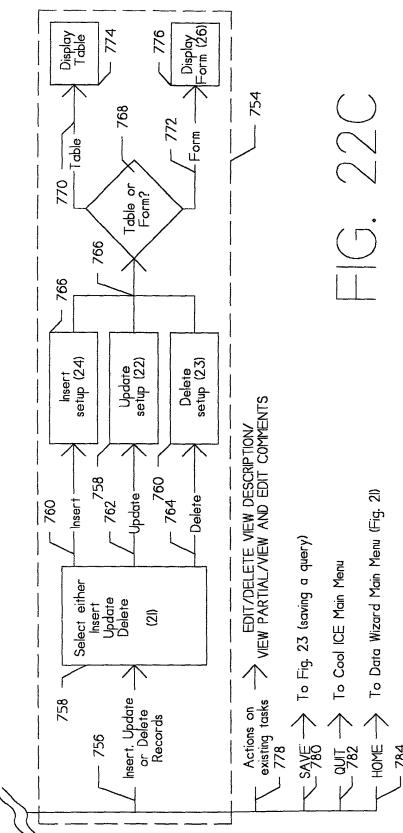


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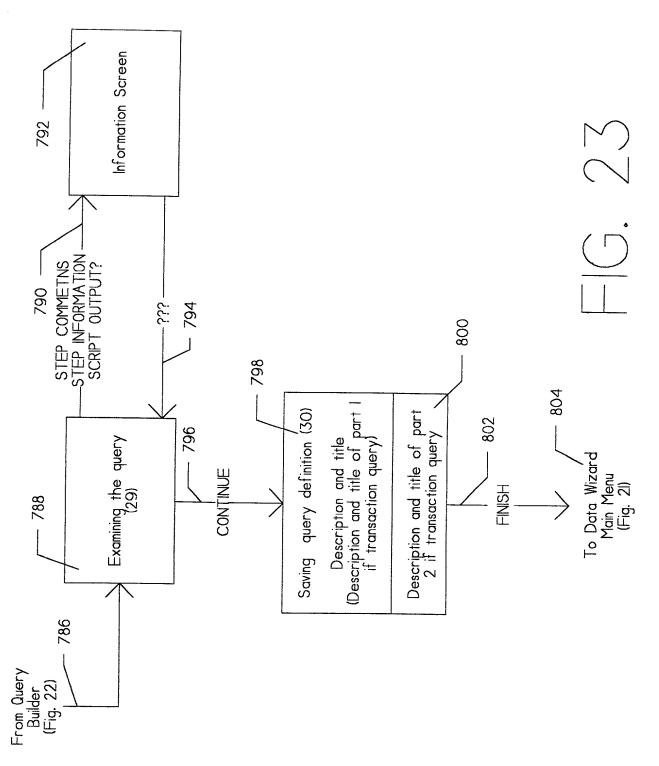


Patent Application Express Ma Filing Date: 12/21/2001 Customer A Attorney's Docket No. RA-5447 (33012/335/101) Application: Thomas N. Turba et al.

Express Mail No. ET970414370US Customer Assignment No. 27516

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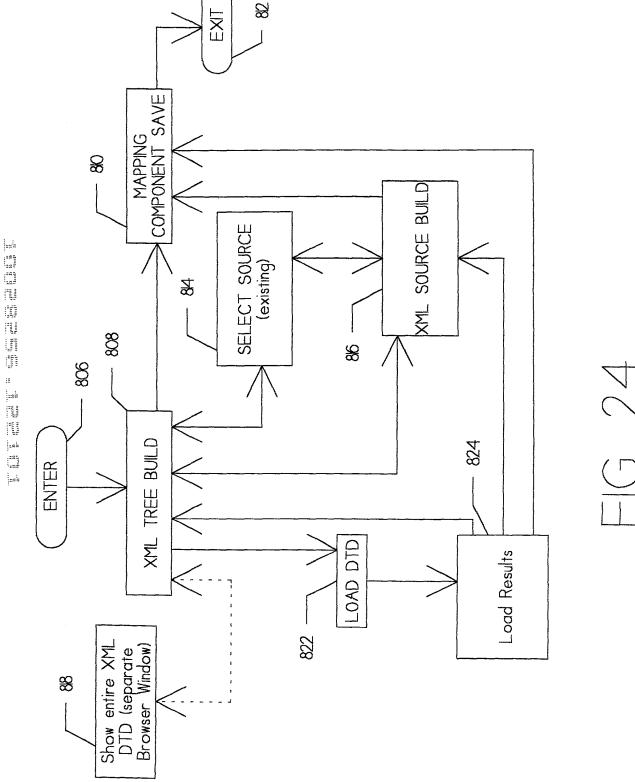
Patent Application Express Mail No. ET970414370US Customer Assignment No. 27516

Filing Date: 12/21/2001 Customer A Attorney's Docket No. RA-5447 (33012/335/101)

Application: Thomas N. Turba et al.

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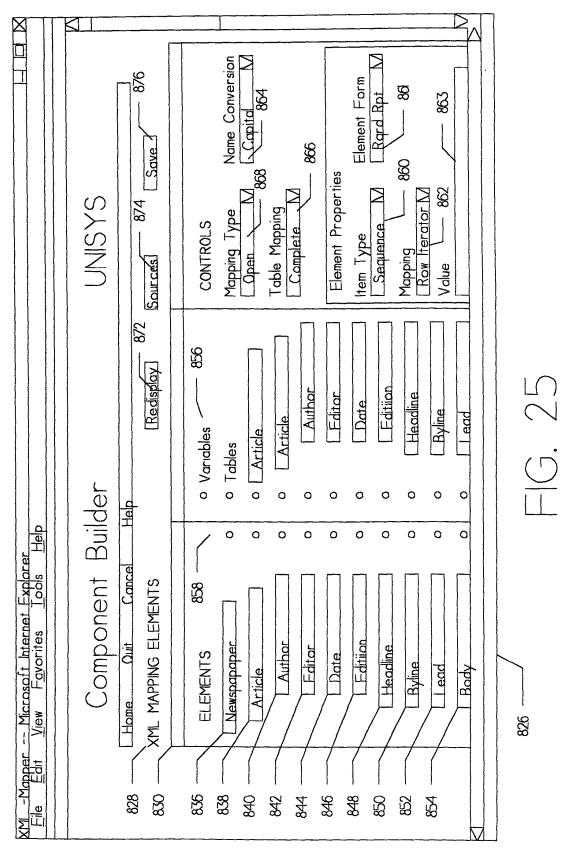
Patent Application Express Mail No. ET970414370US Filing Date: 12/21/2001 Customer Assignment No. 27516

Attorney's Docket No. RA-5447 (33012/335/101)

Application: Thomas N. Turba et al.

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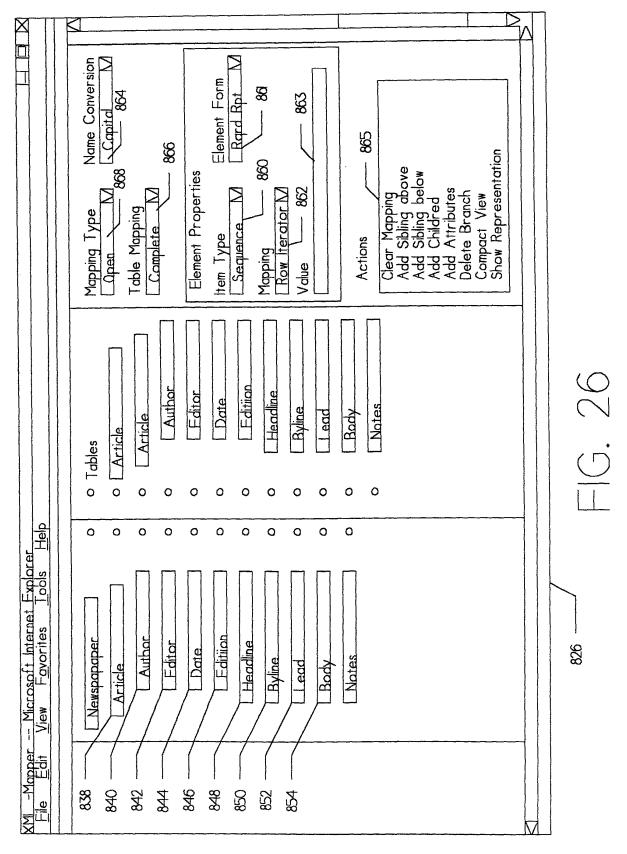
Express Mail No. ET970414370US Customer Assignment No. 27516

Attorney's Docket No. RA-5447 (33012/335/101)

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Charles A. Johnson Reg. No. 20,852 651-635-7702

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Patent Application
Filing Date: 12/21/2001

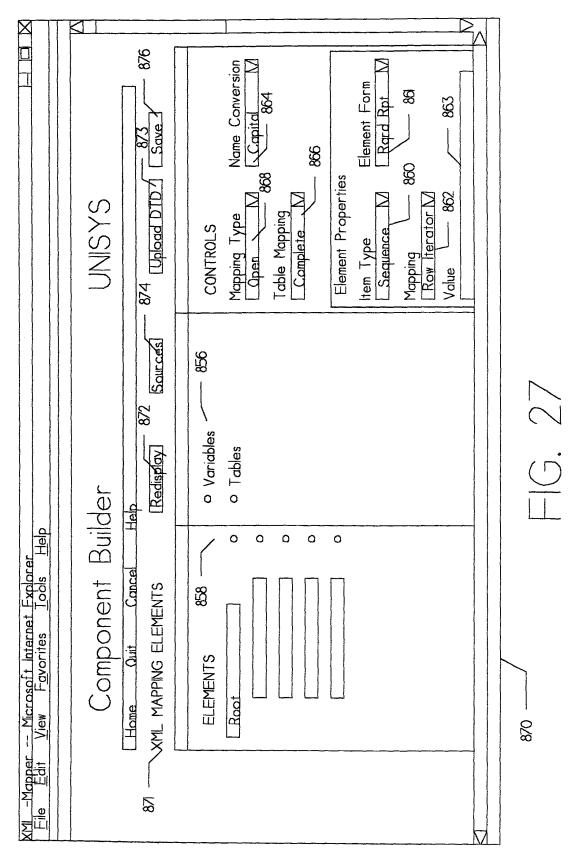
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Attorney's Docket No. P.

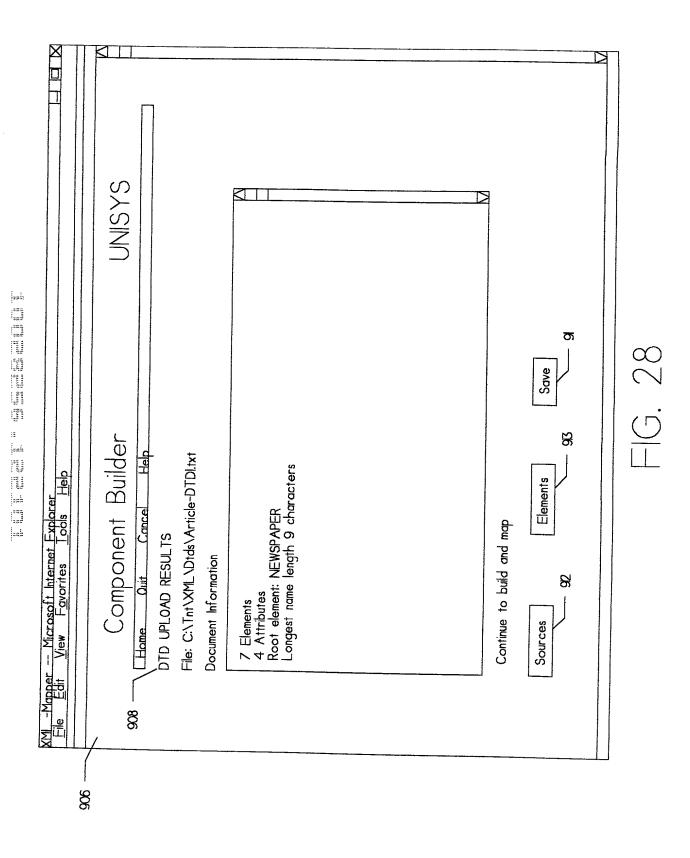
Express Mail No. ET970414370US Customer Assignment No. 27516

Attorney's Docket No. RA-5447 (33012/335/101)

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<u>IDT EXAMPLE</u> 90 Version: AC:0.0 Truncation:AC:0 TypeCheck:AC:03 - 93 <del>---</del> 94 ShoeData:ED:0:R

From:DE:I:R

From: EV: Supplier: 20: string

TableType:ED:I:R

TableType:EV:TableInfo:50:string

Inventory:ED:I:R

Inventory:BT:Inventory:7

Inventory: IH: ITEMNUMBER: 10

Inventory: IH: QTY:5 Inventory:IH:TYPE:10 Inventory: IH: GENDER: 6

Inventory:IH:SIZ:3

Inventory:IH:COLOR:31

Inventory: IH: UNITCOST: 13

Date: AD: 1:R

Date: AV: Date: 10: string

Time: AD:1:R

Time: AV: Time: 5:string

Row:ED:2:R

Row:BR:

ItemNr:ED:2:R

ItemNr:EF:I:ITEMNUMBER:IO:R:string

Quantity:AD:2:R

Quantity: AF:1:QTY:5:R:string

Type:ED:2:R

Type:EF:I:TYPE:10:L:string:

Gender:ED:2:0

Gender:EF:l:GENDER:6:L:strinq:UniSex

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Size:EF:I:SIZ:3:L:string:

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Filing Date: 12/21/2001 Customer Assignment No. 27516 Attorney's Docket No. RA-5447 (33012/335/101) Application: Thomas N. Turba et al. Charles A. Johnson Reg. No. 20,852 651-635-7702 Drawing 32 of 40 Color?, Unitcost)+> dbleType. Inventory)> Size. (Row+)(#) hoeData nitcosi nvento nvento 20W tem

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Attorney's Docket No. RA-5447 (33012/335/101)

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Customer Assignment No. 27516 Charles A. Johnson Reg. No. 20,852 651-635-7702 XML INPUT DOCUMENT EXAMPLE <?xml version="1.0" encoding="150-8859-1"?> (ShoeData) (From)Roseville Store(/From) (TableType)Low Inventory Count(/TableType) (Inventory Date="2000-12-05" Time="11:51") (Row) (ItemNr Quantity="0">32335</itemNr>
<Type>Tennis</Type>
<Gender>Mens</Gender> (Size)6(/Size) (Color)White/Zen Grey/New Spruce(/Color) (Unitcost)25.00(/Unitcost) </Row> (Row) (themNr Quantity="0">35410(/ItemNr) (Type)Running(/Type) (Gender)Womens(/Gender) (Size)5(/Size) (Color)White/Zen Grey/Neptune Blue(/Color) (Unitcost)19.70(/Unitcost) </Row> (Row) (ItemNr Quantity="0">354IK/ItemNr> (Type>Running(/Type) (Gender>Womens(/Gender> (Size)6(/Size) (Color)White/Zen Grey/Neptune Blue(/Color) (Unitcost)19.70(/Unitcost) </Row> (Row) (ItemNr Quantity="2">35420(ItemNr> (Type)Running(/Type) (Gender)Womens(/Gender) (Size)5(/Size) (Color)White/Chlorine Blue/Hot Lime(Color) (Unitcost)/9.70(/Unitcost) </Row> (Row) (ItemNr Quantity=1">3742K/ItemNr> (Type>Golf(/Type> (Gender>Womens(/Gender> (Size>8(/Size) (Color)White/Fluorescent Pink(/Color) (Unitcost)35.00(/Unitcost) (/Row) (/ShoeData) (Color)White/Black-Hot Lime. Neo Teak/Color) (Unitcost)40.00(/Unitcost) (/Row) (Row) (ItemNr Quantity="0">32474(/ItemNr) (Type)Tennis(/Type) (Gender)Womens(/Gender) (Size)8(/Size) (Color)White/Light Marine-Ultramarine(/Color)
(Unitcost)25.00(/Unitcost)

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FIG. 31

(ItemNr Quantity="1">353IO(/ItemNr)
(Type>Running(/Type)
(Gender>Mens(/Gender>

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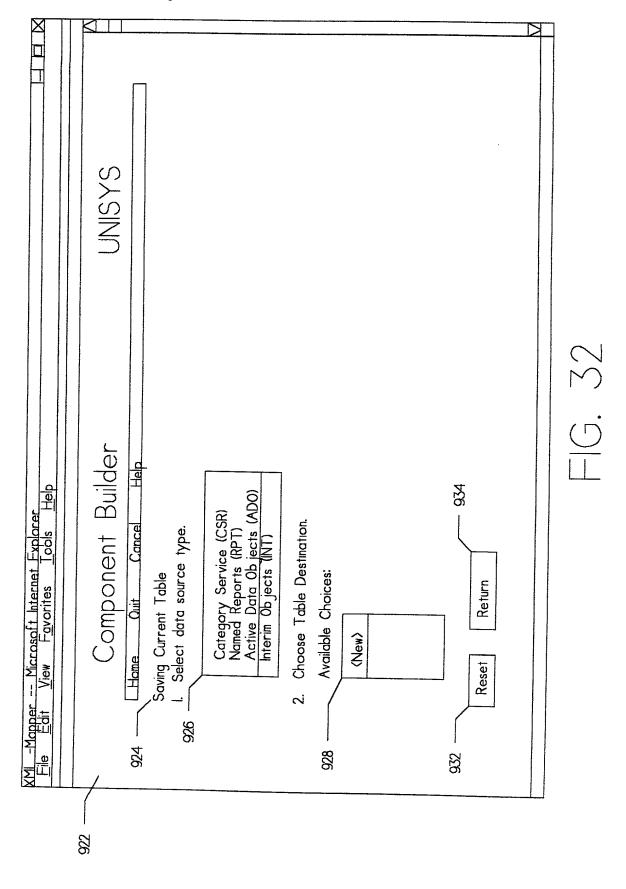
Patent Application Express Mail No. ET970414370US Filing Date: 12/21/2001 Customer Assignment No. 27516

Attorney's Docket No. RA-5447 (33012/335/101)

Application: Thomas N. Turba et al.

Charles A. Johnson Reg. No. 20,852 651-635-7702

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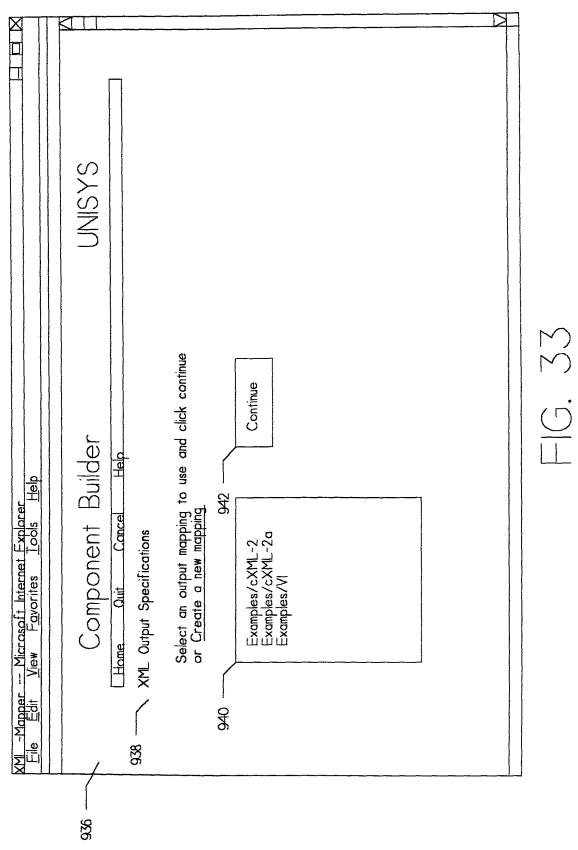
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Charles A. Johnson Reg. No. 20,852 651-635-7702

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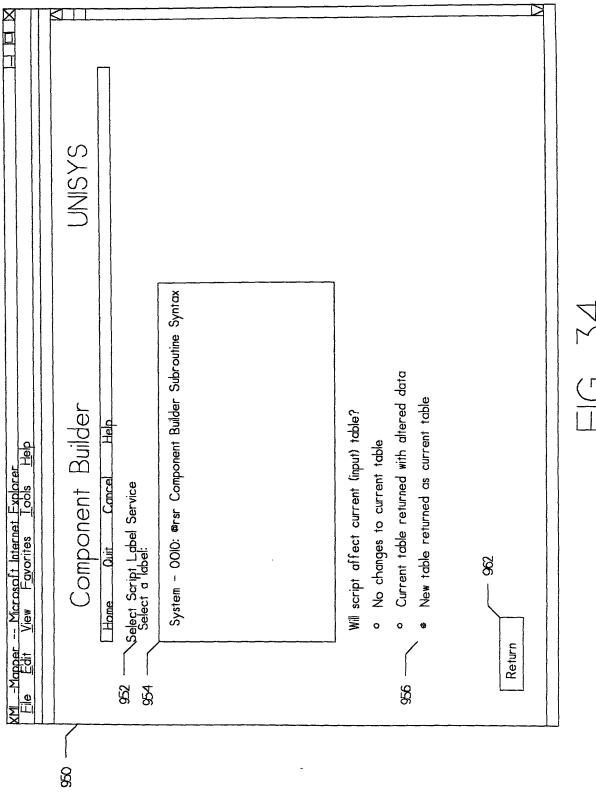
Patent Application Filing Date: 12/21/2001 Express Mail No. ET970414370US Customer Assignment No. 27516

Attorney's Docket No. RA-5447 (33012/335/101)

Application: Thomas N. Turba et al.

Charles A. Johnson Reg. No. 20,852 651-635-7702

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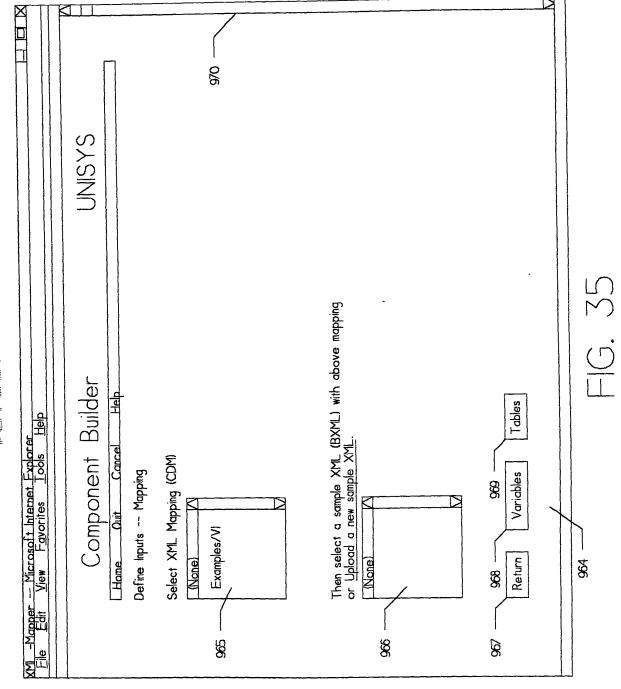
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Attorney's Docket No. RA-5447 (33012/335/101)

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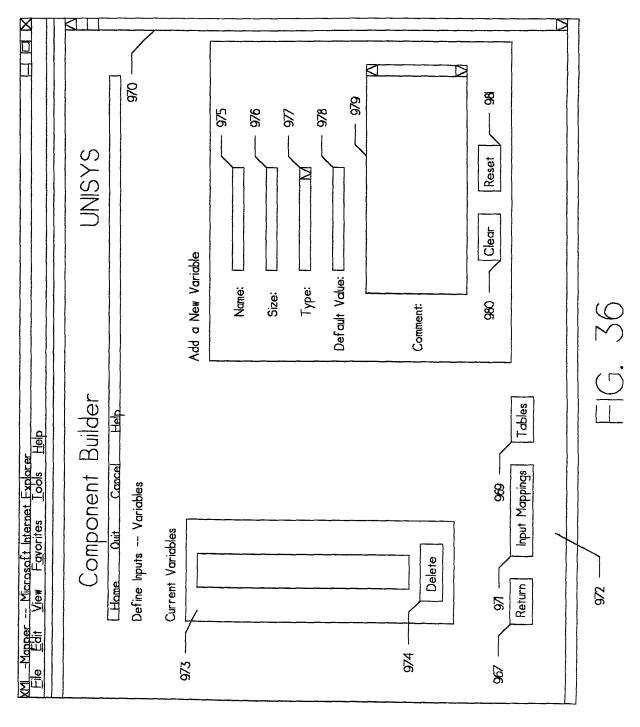
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Express Mail No. ET970414370US Customer Assignment No. 27516

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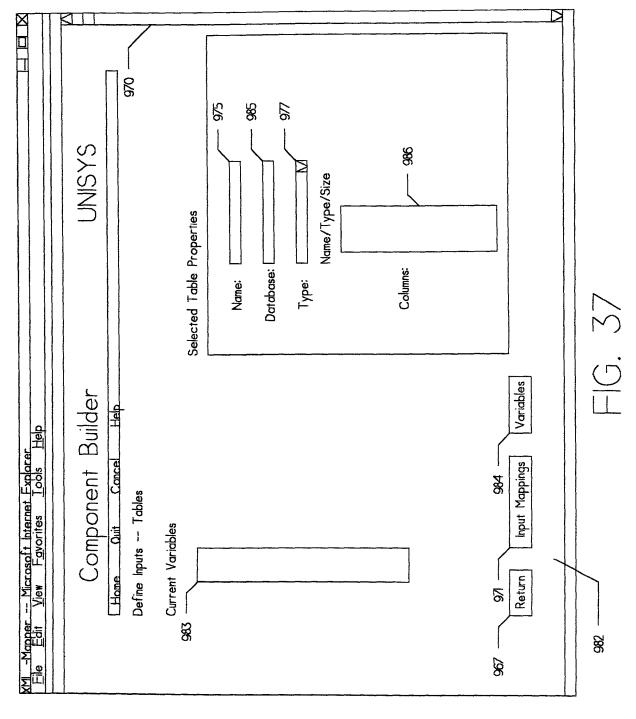


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